

Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A system for handling an electronic communication, said system including a computer readable storage medium having instructions stored thereon, when executed by a computer processor, to perform a method:

receiving the electronic communication;

parsing the received electronic communication to identify URLs within the received electronic communication;

for each identified URL, sending a request to a categorizing server system to identify the category assigned to each identified URL, said categorizing server system employing a URL database to cross reference the identified URL and to maintain URL categories; and

rating each identified URL as appropriate or inappropriate as a function of the identified category corresponding to each identified URL;

routing the electronic communication as a function of the rating of each URL,

wherein the electronic communication is not routed to an addressee if the percentage of identified inappropriate URLs of the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication is greater than a threshold amount, and

wherein the electronic communication is routed to an addressee if the percentage of identified inappropriate URLs of the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication is less than or equal to a threshold amount

~~routing the communication as a function of the identified categories of the identified URLs.~~

Claim 2 (original): The system of claim 1 wherein the received electronic communication comprises one or more electronic emails selected from the group comprising: an email, an instant message or a chat room statement.

Claim 3-5 (canceled).

Claim 6 (currently amended): The system of claim ~~5~~1 wherein the threshold amount is a dynamic or weighted amount based on various factors.

Claim 7 (currently amended): The system of claim ~~5~~1 wherein the threshold amount is at least approximately 50%.

Claim 8 (currently amended): The system of claim ~~5~~1 wherein the threshold amount is at least substantially 10%.

Claim 9 (currently amended): The system of claim ~~5~~1 wherein the threshold amount is greater than zero.

Claim 10 (canceled).

Claim 11 (currently amended): The system of claim 1 wherein ~~the sending looking-up~~ comprises connecting to an on-line look up service to determine the category of each identified URL.

Claim 12 (canceled).

Claim 13 (original): The system of claim 1 wherein the routing includes a policy including an allow/block logic which determines to route the electronic communication to the addressee when the policy indicates that the electronic communication passes the allow logic and fails the block logic and which determines to inhibit routing to the addressee when the policy indicates that the electronic communication fails the allow logic and passes the block logic.

Claim 14 (original): The system of claim 1 wherein the identifying includes using an on-line look-up tool kit.

Claim 15 (currently amended): A system for controlling access by third parties to web pages of a website, said system including a computer readable storage medium having instructions stored thereon, when executed by a computer processor, to perform a method:

parsing pages within a website;
identifying URLs within the parsed web pages;
categorizing the identified URLs by looking up the category of each identified URL via a categorizing server system; and
rating each identified URL as appropriate or inappropriate as a function of identified category corresponding to each identified URL;
permitting third parties to access the web pages as a function of the ~~categories-rating of~~ the each identified URLs,
wherein the third party is blocked from accessing the web page if the percentage of identified inappropriate URLs of the web page relative to the total of identified inappropriate URLs of the web page and identified appropriate URLs of the web page is greater than a threshold amount, and
wherein the third party is permitted to access the web page if the percentage of identified inappropriate URLs of the web page relative to the total of identified inappropriate URLs of the web page and identified appropriate URLs of the web page is less than or equal to a threshold amount.

Claim 16 (original): The system of claim 15 wherein the parsed page comprises one or more pages selected from the group comprising: one or more web pages of a group website, and one or more home pages.

Claim 17-19 (canceled).

Claim 20 (currently amended): The system of claim ~~19-15~~ wherein the threshold amount is a dynamic or weighted amount based on various factors.

Claim 21 (currently amended): The system of claim ~~19-15~~ wherein the threshold amount is at least approximately 50%.

Claim 22 (currently amended): The system of claim ~~19-15~~ wherein the threshold amount is at least substantially 10%.

Claim 23 (currently amended): The system of claim ~~19~~15 wherein the threshold amount is greater than zero.

Claim 24 (canceled).

Claim 25 (currently amended): The system of claim ~~24~~15 wherein looking up comprises connecting to an on-line look up service to determine the category of each identified URL.

Claim 26 (original): The system of claim 25 wherein the connecting comprises accessing a category name service server employing a URL database to cross reference the URL and maintain URL categories.

Claim 27 (original): The system of claim 15 wherein the routing includes a policy including an allow/block logic which determines to route the electronic communication to the addressee when the policy indicates that the electronic communication passes the allow logic and fails the block logic and which determines to inhibit routing to the addressee when the policy indicates that the electronic communication fails the allow logic and passes the block logic.

Claim 28 (original): The system of claim 15 wherein the identifying includes using an on-line look-up tool kit.

Claim 29 (currently amended): A system for handling an email, said system including a computer readable storage medium having instructions stored thereon, when executed by a computer processor, to perform a method:

- receiving the email;
- parsing the received email to identify URLs within the parsed email;
- looking up a rating for each of the identified URLs via a categorizing server system;
- designating each identified URL based on the rating ~~certain of the identified URLs as inappropriate or assigning based on the rating a number to each identified URL based on its inappropriateness~~ appropriate based on the rating of each identified URL; and

permitting the client to access the email when the ~~number~~ percentage of designated inappropriate URLs of the email relative to the total of designated inappropriate URLs of the email and designated appropriate URLs of the email is below a threshold ~~or when the assigned number is below a threshold~~; and

inhibiting the client to access the email when the percentage of designated inappropriate URLs of the email relative to the total of designated inappropriate URLs of the email and designated appropriate URLs of the email is at or above a threshold.

Claim 30 (canceled).

Claim 31 (original): The system of claim 29 wherein a client is permitted to access the email if the email does not contain any URLs.

Claim 32-33 (canceled).

Claim 34 (original): The system of claim 29 wherein the permitting includes a policy including an allow/block logic which determines to route the email to the addressee when the policy indicates that the email passes the allow logic and fails the block logic and which determines to inhibit routing to the addressee when the policy indicates that the email fails the allow logic and passes the block logic.

Claim 35 (original): The system of claim 29 wherein the looking up includes using an on-line look-up tool kit.

Claim 36-41 (canceled).

Claim 42 (currently amended): A client side hardware system comprising:

a client computer having a memory and having capability for receiving electronic communications from a source for presentation to a client;

instructions for receiving electronic communications from a source and storing the received electronic communications in the memory while initially inhibiting client access to the electronic communications;

instructions for categorizing the stored electronic communications based on the URLs therein by looking up the category of each identified URL via a categorizing server system, said categorizing server system employing a URL database to cross reference the URL and to maintain URL categories; and

instructions for rating each identified URL as appropriate or inappropriate as a function of identified category corresponding to each identified URL;

instructions for routing the electronic communication as a function of the rating of the each URL,

wherein the client is not permitted access to the electronic communication if the percentage of identified inappropriate URLs of the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication is greater than a threshold amount, and

wherein the client is permitted access to the electronic communication if the percentage of identified inappropriate URLs the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication is less than or equal to a threshold amount ~~instructions for permitting client access to a particular electronic communication as a function of the category of the electronic communication.~~

Claim 43 (original): The system of claim 42 wherein the received electronic communication comprises one or more electronic emails selected from the group comprising: an email, an instant message or a chat room statement.

Claim 44-45 (canceled).

Claim 46 (original): The system of claim 42 wherein the instructions the permitting include a policy including an allow/block logic which determines to route the electronic communication to the addressee when the policy indicates that the electronic communication passes the allow logic

and fails the block logic and which determine to inhibit routing to the addressee when the policy indicates that the electronic communication fails the allow logic and passes the block logic.

Claim 47 (original): The system of claim 42 wherein the instructions for categorizing include using an on-line look-up tool kit.

Claim 48 (currently amended): A server side hardware system comprising:

a server computer having a memory and having capability for receiving electronic communications from a source for presentation to a client, said electronic communication comprises one or more of the following: an email, an instant message or a chat room statement, said server being configured with executable ;

instructions for:

defining a threshold value;

receiving electronic communications from a source and storing the received electronic communications in the memory;

parsing the received electronic communication to identify URLs within the parsed electronic communication;

for each identified URL, sending a request to a categorizing server system to identify the category assigned to each identified URL, said categorizing server system employing a URL database to cross reference the URL and to maintain URL categories;

rating the stored electronic communications as appropriate or inappropriate based on the assigned category of ~~the each~~ identified URL[[s]] ~~wherein the rating comprises assigning a number to each identified URL based on the appropriateness of the assigned categories of the identified URLs;~~ and

selectively sending the electronic communication to the client as a function of the rating of the electronic communication,

wherein the electronic communication is not routed to the client if the percentage of identified inappropriate URLs of the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication ~~when rating~~ is greater than the threshold value, and

wherein the electronic communication is routed to the client if the percentage of identified inappropriate URLs of the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication when rating is less than or equal to the threshold value.

Claim 49 -51 (canceled).

Claim 52 (original): The system of claim 48 wherein the instructions the permitting include a policy including an allow/block logic which determines to route the electronic communication to the addressee when the policy indicates that the electronic communication passes the allow logic and fails the block logic and which determine to inhibit routing to the addressee when the policy indicates that the electronic communication fails the allow logic and passes the block logic.

Claim 53 (original): The system of claim 48 wherein the instructions for categorizing include using an on-line look-up tool kit.

Claim 54 (currently amended): A server side hardware system comprising:

a server computer presenting a plurality of websites having web pages on a network and having the capability of controlling a client's access to the pages of the websites;

instructions for periodically rating the web pages based on categories of the URLs therein, said categories of the URLs identified by a categorizing server system employing a URL database to cross reference the URL and maintain URL categories; and

instructions for rating each identified URL as appropriate or inappropriate as a function of identified category corresponding to each identified URL;

instructions for routing the web page as a function of the rating of each URL,

wherein the client is not permitted access to the web page if the percentage of identified inappropriate URLs of the web page relative to the total of identified inappropriate URLs of the web page and identified appropriate URLs of the web page is greater than a threshold amount, and

wherein the client is permitted access to the web page if the percentage of identified inappropriate URLs of the web page relative to the total of identified inappropriate URLs of the

web page and identified appropriate URLs of the web page is less than or equal to a threshold amount ~~instructions for permitting client access to a particular web page as a function of the rating of the web page.~~

Claim 55 (original): The system of claim 54 wherein the parsed page comprises one or more pages selected from the group comprising: one or more web pages of a group website, and one or more home pages.

Claim 56-57 (canceled).

Claim 58 (original): The system of claim 54 wherein the instructions for permitting include a policy including an allow/block logic which determines to route the electronic communication to the addressee when the policy indicates that the electronic communication passes the allow logic and fails the block logic and which determine to inhibit routing to the addressee when the policy indicates that the electronic communication fails the allow logic and passes the block logic.

Claim 59 (original): The system of claim 54 wherein the instructions for categorizing include using an on-line look-up tool kit.

Claim 60 (currently amended): A computer readable storage medium for handling an electronic communication, said medium including instructions stored thereon, when executed by a computer processor, to perform a method of:

- receiving the electronic communication;
- parsing the received electronic communication to
- identify URLs within the parsed electronic communication;
- for each identified URL, sending a request to a categorizing server system to identify the category assigned to each of the identified URLs by looking up the category of each identified URL via a categorizing server system, said categorizing server system employing a URL database to cross reference the URL and maintain URL categories;
- designating each ~~certain of the~~ identified URL[[s]] as inappropriate or appropriate based on its category;

permitting the client to access the electronic communication when the percentage number of inappropriate URLs of the electronic commutation relative to the total of identified inappropriate URLs of the electronic commutation and identified appropriate URLs of the electronic commutation is below a threshold; and

inhibiting the client to access the electronic communication when the percentage number of inappropriate URLs of the electronic commutation relative to the total of identified inappropriate URLs of the electronic commutation and identified appropriate URLs of the electronic commutation is at or above the threshold.

Claim 61 (currently amended): A computer readable storage medium for controlling access by third parties to web pages of a website, said medium including instructions stored thereon, when executed by a computer processor, to perform a method of:

parsing pages within a website to

identifying URLs within the parsed web pages;

for each identified URL, sending a request to a categorizing server system to identify the category of the identified URLs, said categorizing server system employing a URL database to cross reference the URL and maintain URL categories; and

rating each identified URL as appropriate or inappropriate as a function of identified category corresponding to each identified URL;

permitting third parties to access the web pages as a function of the rating identified categories of the URLs,

wherein the third party is blocked from accessing the web page if the percentage of identified inappropriate URLs of the web page relative to the total of identified inappropriate URLs of the web page and identified appropriate URLs of the web page is greater than a threshold amount, and

wherein the third party is permitted to access the web page if the percentage of identified inappropriate URLs of the web page relative to the total of identified inappropriate URLs of the web page and identified appropriate URLs of the web page is less than or equal to a threshold amount.

Claim 62 (currently amended): A computer readable storage medium for handling an email, said medium including instructions stored thereon, when executed by a computer processor, to perform a method of:

receiving the email;

parsing the received email;

identifying URLs within the parsed email;

for each identified URL, sending a request to a categorizing server system, said categorizing server system employing a URL database to cross reference the URL and maintain URL categories;

rating each identified URL as appropriate or inappropriate ~~the electronic communication~~ based on the identified categories of the identified URLs based on the identified categories of the identified URLs; and

routing the email as a function of the rating of each URL,

wherein the electronic communication is not routed to an addressee if the percentage of identified inappropriate URLs of the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication is greater than a threshold amount, and

wherein the electronic communication is routed to an addressee if the percentage of identified inappropriate URLs of the electronic communication relative to the total of identified inappropriate URLs of the electronic communication and identified appropriate URLs of the electronic communication is less than or equal to a threshold amount.